**AWS\_BENCHMARK\_TEST\_CIS**

1. ssh into the server
2. Install or update the AWS CLI

curl "https://awscli.amazonaws.com/awscli-exe-linux-x86\_64.zip" -o "awscliv2.zip"

unzip awscliv2.zip

sudo ./aws/install

refer: <https://docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html>

1. aws configure

setup the configuration

aws configure

give access key and secret key

check with command: aws ec2 describe-instances

1. aws s3 ls

Check aws cli working and displaying the s3 buckets

1. Install Steampipe CLI in Linux machine

SSH to Linux Machine and perform below commands

STEP 1: Copy and paste into your WSL shell

sudo /bin/sh -c "$(curl -fsSL https://raw.githubusercontent.com/turbot/steampipe/main/install.sh)"

STEP 2: Version check

steampipe -v

steampipe version 0.20.9

STEP 3: Install your first plugin

steampipe plugin install steampipe

Installed plugin: steampipe

RESULT! Run your first query...

steampipe query "select name from steampipe\_registry\_plugin;"

1. steampipe plugin install aws
2. git clone <https://github.com/turbot/steampipe-mod-aws-compliance>

cd steampipe-mod-aws-compliance

steampipe check all

NOTE: be in path /home/ubuntu/steampipe-mod-aws-compliance only work commands

Reference:

FOR CHECKING THE BENCHMARK WITH CUSTOMIZED OUTPUT AND INPUT USE BELOW WEBSITE/COMMANDS

Websites for Reference:

<https://steampipe.io/docs/reference/cli/check#output-formats>

<https://hub.steampipe.io/mods/turbot/oci_compliance>

<https://steampipe.io/docs/check/overview>

Important : <https://hub.steampipe.io/mods/turbot/oci_compliance/controls/benchmark.cis_v110_1?context=benchmark.cis_v110>

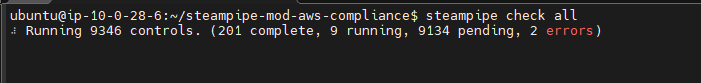
NOTE: Please run all the benchmark commands under this path, also run as normal user.

.steampipe/config/steampipe-mod-oci-compliance

<https://hub.steampipe.io/mods/turbot/aws_compliance>

<https://hub.steampipe.io/mods/turbot/aws_compliance/controls/control.cis_v120_1_1?context=benchmark.cis_v120/benchmark.cis_v120_1>

CHECK ALL



A screen shot of a computer

Description automatically generated

A black background with dots

Description automatically generated

Check CIS VERSION

steampipe check benchmark.cis\_v150

A screen shot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated

Export the result as html

steampipe check benchmark.cis\_v150 --export=html

Export the result as json

steampipe check benchmark.cis\_v150 --export=json

Export the result as csv

steampipe check benchmark.cis\_v150 --export=csv

For executing two benchmarks

steampipe check benchmark.cis\_v200 benchmark.cis\_v150

For executing other benchmarks steampipe check benchmark.cisa\_cyber\_essentials

As per the github file names adjust and check the benchmarks accordingly.

steampipe check benchmark.gdpr